

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office
WED. DEC. 22 1920

Date of completion of report 13th NOVEMBER 1920 Port of YOKOHAMA
Survey held at YOKOHAMA Date, First Survey MARCH 3, 1920 Last Survey NOV 4th 1920

No. 2745.

On the (State if Single, Twin, or Triple Screw)

TONNAGE under 4988.35

Tonnage Deck... 1988.35

Do. between Tonnage Dk. and 3rd and 4th Dk. 107.37

Total under Upper Dk. 51.19

Do. of Poop 77.85

Do. of R.Q.Dk. 144.78

Do. of Bridge House 16.67

Do. of Hatchways 64.21

Do. of Deck 5450.42

Do. of Space 1744.13

Do. of Crown of 406.39

Do. of Room 3299.90

Do. of Beam 400 0

CLASS + 100 A.I.

FEET.

Master U. KONDO.

Year of appointment (1) As Master in service of owner of present vessel.—19 (2) As Master of this vessel.—19

Built at TSURUMI.

When built 1920 Launched 18-8-20

By whom built ASANO S.B. C.

Owners TOYO KISEN KAISHA.

Managers (Where necessary to be entered in Reg. Book)

Residence

Port belonging to YOKOHAMA.

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock BUILDING

On Deck Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
400 0			53 0			29 5 1/2			TWO
						19 5 1/2			TWO

Length 400 breadth 53.25 depth 32.17 Moulded depth, ft. 39 ins. 9 To Bridge Dk. Round of Upper 13 1/4 ins. Moulded depth, ft. 32 ins. 0 To Upper Dk. Dk. Beam, Actual

FRAMING.						PILLARS.					
Angles, or C or L Bars amidships						PILLARS In 'tween Deck, size and spacing					
SEE BACK OF REPORT						Hold					
SEE BACK OF REPORT						Quarter 'tween Dks.,					
SEE BACK OF REPORT						in Hold					
KEELSONS & STRINGERS.						CENTRE LINE KEELSON, Vertical Plate above					
NO KEY FRAMES.						floors, Through Plate, or Intercoastal Plate					
3 1/2 FLANGE						Rider Plate					
8 3 1/2 4 1/2						Flat Plate Keel Angles					
10						Horizontal Plates on Floors					
SIDE KEELSONS, Number						Angles or Bulb Angles					
Angles or Bulb Angles						Plate above floors, for length					
Intercoastal Plate, for length						Attached to outside Plating with Angle					
BILGE KEELSON, Angles						Intercoastal Plate for length					
Attached to outside Plating with Angle						SIDE STRINGERS, Number					
Angle						Intercoastal Plate, for length					
Attached to outside plating with Angle						Upper Deck Stringer Plate, br'dth & thickness					
59 1/2 62 70 44						(clear of Bridge)					
59 1/2 48						br'dth & thickness					
5 5 1/2 5 5 56						(in way of Bridge)					
Angle (clear of Bridge)						Tie Plate at sides of Hatchways					
Deck, Steel, for FULL lng.						Thickness (clear of Bridge)					
Thickness (clear of Bridge)						Wood Deck, Material & thickness					
NO WOOD DECK						Second Deck Stringer Plate, br'dth & thickness					
Angles on ditto, No. TWO 3 1/2 3 1/2 1/2 4 1/2 4 1/2						Tie Plates outside Hatchways					
Deck, Steel, for FULL lng.						Deck, Steel, for FULL lng.					
Wood Deck, Material & thickness						Third Deck Stringer Plate, br'dth & thickness					
Angles on ditto, No.						Tie Plates, outside Hatchways					
Deck, Material and thickness						Fourth and Fifth Deck Stringer Plate, br'dth & thickness					
Angles on ditto, No.						Tie Plates outside Hatchways					
Deck, Material & thickness						Poop Deck Stringer Plate, breadth & thickness					
Angle on ditto						Tie Plates					
Deck, Material and thickness						Bridge Deck Stringer Plate, br'dth & thickness					
Angle on ditto						Tie Plates					
Deck, Material and thickness						Forecastle Deck Stringer Plate, br'dth & th'kns					
Angle on ditto						Tie Plates					
Deck, Material and thickness						Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.					

GENERAL REMARKS—(continued).

FORGINGS AND CASTINGS.

DESCRIPTION	MARK	MATERIAL	WHERE MADE	WHERE TESTED	DATE	SURVEY
UPPER STEM	A.S. 15	FORGED STL.	KOBE S.M.	KOBE	3-2-20	R.O.B.
LOWER STEM	A.S. 16	D:	D:	D:	D:	D:
STERN FRAME						
UPPER HALF 81634 A.		CAST STL.	SUMITOMO S.W.	OSAKA	13-1-20	Y.J.
LOWER HALF 81594 A.		D:	D:	D:	D:	D:
RUDDER STOCK	A.S. 7.	FORGED STL.	OSHIMA S.W.	OSHIMA	19-6-20	A.E.
" MAIN PIECE	A.M. 3.	D:	D:	D:	D:	A.E.
" ARMS. A.L. A.M. A.N. A.O. A.P.		D:	D:	D:	D:	A.E.

FRAMING

AT 33" SPACING.	10 x 3.95 x 3.95 x .425	CHANNEL.	INTER. FRAME	7 x 3 1/2 x 3/8	B.A.	AS ON SHIP.
"	10 x .56 x 3 1/4 x .53	D:	D:	D:	7 x 3 1/4 x 3/8	AS APPROVE
AT 27" SPACING	10 x 3 1/2 x .575	BULB ANGLE	INTER. FRAME	7 x 3 1/2 x 7/16	ANGLE	AS ON SH
"	10 x 3 1/2 x .56	D:	D:	D:	7 x 3 1/2 x 1/4	AS APPROV
FRAMES IN PEAKS	8 x 3 1/2 x .4	BULB ANGLE	INTER. FRAME	7 x 3 1/2 x 3/8	ANGLE	AS ON SH
"	8 x 3 1/2 x 3/8	D:	D:	D:	7 x 3 1/2 x 3/8	AS APPRO

PILLARS.

UPPER DECK	5 x 5 x .4	4 ANGLES TO 4 x 4 x 3/8	4 ANGLES.	WIDE SPACING	AS APPROVE
SECOND DECK	12 x 3.95 x 3.95 x .475	DOUBLE CHANNELS.	WITH RIDER PLAT		
	13 x .56 TO 6 x 6 x .7	4 ANGLES TO 6 x 6 x .54	4 ANGLES	WIDE SPACING	AS APPROVE

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 32.5 ft., R.Q.D. ✓ ft., Bridge 123.75 ft., Forecastle 41 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated **NO**

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given should appear in the Register Book) **2 DKS. STL.** **2 TIERS OF BEAMS.**
 Official No. **27726**; Signal Letters **S.D.W.H.** State if Machinery is fitted aft **AMIDSHIPS.**
 How are the surfaces preserved from oxidation? Inside **DOUBLE BOTTOM & BILGES CEMENT** Outside **PAINT.**
BUNKERS BITUMASTIC HOLDS PAINT.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors **CELLULAR**

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	115	264	Fore peak tank,	24	2
Double bottom, under Engines and Boilers,	71.5	254	After peak tank,	16	
Double bottom, if under Engines only,	✓		Deep tank, aft,		
Double bottom, if under Boilers only,	✓		Deep tank, forward,		
Double bottom, forward,	152.5	423	Other tanks, if fitted,		
Total capacity of double bottom		941	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules **YES.**

Order for Special Survey No. **13**

Date **23-8-19.**

No. **33** in builder's yard.

DATES OF SURVEYS held while building

MARCH. 3. 8. 19. 26. APRIL 5. 12. 23. MAY 7. 14. 24.
 JUNE. 4. 14. 23. 28. JULY 7. 9. 14. 19. 23. 26. 28.
 AUGUST. 3. 9. 11. 13. 20. SEP. 3. 17. 24. 27.
 OCT. 4. 8. 22. 25. 28. NOV. 4.

Total No. of Visits **3**

Surveyor's Signature

James Brickton
 Lloyd's Register
 Foundation